
System Requirements Specification

Index

For

Job Recruitment Platform App

Version 1.0

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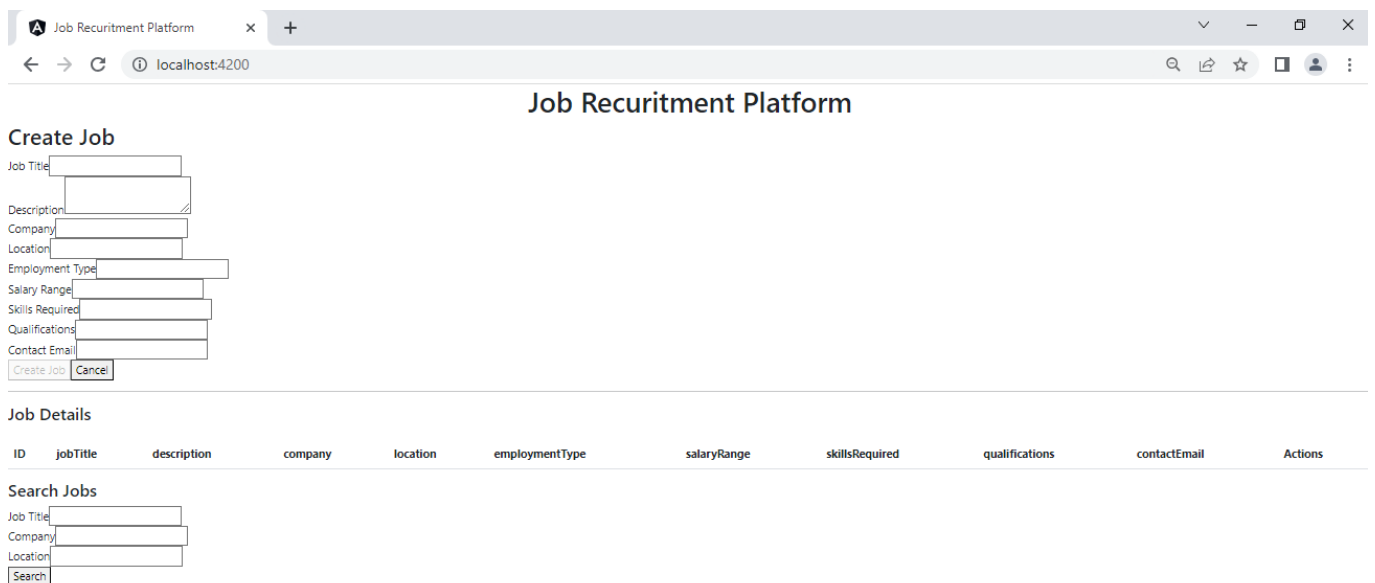
FRONTEND-ANGULAR SPA

1 PROBLEM STATEMENT

Job Recruitment Platform is SPA (Single Page Application), it allows to manage the jobs with functionalities to create a new job, update an existing job, get detailed information, and search job.

2. PROPOSED JOB RECRUITMENT PLATFORM WIREFRAME

2. 1 HOME PAGE



The wireframe shows a web browser window with the title 'Job Recruitment Platform' and the URL 'localhost:4200'. The main heading is 'Job Recruitment Platform'. Below it, there are two sections: 'Create Job' and 'Search Jobs'. The 'Create Job' section contains a form with fields for Job Title, Description, Company, Location, Employment Type, Salary Range, Skills Required, Qualifications, and Contact Email, along with 'Create Job' and 'Cancel' buttons. The 'Search Jobs' section contains a form with fields for Job Title, Company, Location, and a 'Search' button. Below the 'Create Job' section, there is a 'Job Details' table with columns: ID, jobTitle, description, company, location, employmentType, salaryRange, skillsRequired, qualifications, contactEmail, and Actions.

Create Job

Job Title

Description

Company

Location

Employment Type

Salary Range

Skills Required

Qualifications

Contact Email

Job Details

ID	jobTitle	description	company	location	employmentType	salaryRange	skillsRequired	qualifications	contactEmail	Actions
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Search Jobs

Job Title

Company

Location

AFTER CREATING THE JOBS:

Job Recruitment Platform

localhost:4200

Job Recruitment Platform

Create Job

Job Title

Description

Company

Location

Employment Type

Salary Range

Skills Required

Qualifications

Contact Email

Create Job

Cancel

Job Details

ID	jobTitle	description	company	location	employmentType	salaryRange	skillsRequired	qualifications	contactEmail	Actions
3	Python Trainer	Python Full Stack Corporate Trainer	Deloit	Bangloor	Permanent	10LPA-12PLA	Python, Django, Angular	B.Tech or MCA	deloitcontactus@yahoo.com	<div>EditDelete</div>
2	Java Developer	Full Time Java Full Stack Developer	Infosys	Hyderabad	Permanent	12LPA-14PLA	Java, Angular	B.Tech	infocontactus@yahoo.com	<div>EditDelete</div>
4	Front Developer	Front Developer -React JS	Infosys	Hyderabad	Permanent	8LPA-12PLA	React JS	B.Tech	infocontactus@yahoo.com	<div>EditDelete</div>

Search Jobs

Job Title

Company

Location

Search

ON CLICK EDIT BUTTON:

Job Recruitment Platform

localhost:4200

Job Recruitment Platform

Create Job

Job Title

Python Full Stack Corporate Trainer

Description

Company

Bangloor

Employment Type

Salary Range

Skills Required

Qualifications

Contact Email

Update Job

Cancel

Job Details

ID	jobTitle	description	company	location	employmentType	salaryRange	skillsRequired	qualifications	contactEmail	Actions
3	Python Trainer	Python Full Stack Corporate Trainer	Deloit	Bangloor	Permanent	10LPA-12PLA	Python, Django, Angular	B.Tech or MCA	deloitcontactus@yahoo.com	<div>EditDelete</div>
2	Java Developer	Full Time Java Full Stack Developer	Infosys	Hyderabad	Permanent	12LPA-14PLA	Java, Angular	B.Tech	infocontactus@yahoo.com	<div>EditDelete</div>
4	Front Developer	Front Developer -React JS	Infosys	Hyderabad	Permanent	8LPA-12PLA	React JS	B.Tech	infocontactus@yahoo.com	<div>EditDelete</div>

Search Jobs

Job Title

Company

Location

Search

3. BUSINESS-REQUIREMENT:

As an application developer, develop the Job Recruitment Platform App (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Home Page	As a user I should be able to visit the home page as the default page. Where I can see a form to create or update the job, a list of all jobs with options to edit and delete any job and at last there should be a form to search any job on its job title, company or location criteria.
US_01	Home Page	<p>As a user I should be able to see the homepage and perform all operations:</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none">As a user I should be able to furnish the following details at the time of creating the job.<ol style="list-style-type: none">Job TitleDescriptionCompanyLocationEmployment TypeSalary RangeSkills RequiredQualificationsContact EmailCreate Job button should be disabled until all fields are validated.Update Job button should be displayed when you click on the Edit button.Update Job button should be disabled until all fields are validated.On click cancel button, should reset the form.Job Title field min length is 3 and max length 50.All fields are mandatory except salary range, skills required, and qualifications fields. If any other field is missing or if any constraint is not satisfied then must show a message.

		<p>8. Job Form control names should be case sensitive and they should be like as follows:</p> <p>jobTitle</p> <p>description</p> <p>company</p> <p>location</p> <p>employmentType</p> <p>salaryRange</p> <p>skillsRequired</p> <p>qualifications</p> <p>contactEmail</p> <p>9. Search form fields are case sensitive and they should be like as follows:</p> <p>jobTitle</p> <p>company</p> <p>location</p> <p>These 3 fields are not mandatory in the search form.</p>

4. EXECUTION STEPS TO FOLLOW FOR FRONTEND

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
3. This is a web-based application, to run the application on a browser, use the internal browser in the environment.
4. You can follow series of command to setup Angular environment once you are in your project-name folder:
 - a. npm install -> Will install all dependencies -> takes 10 to 15 min

- b. `npm run start` -> To compile and deploy the project in browser. You can press `<Ctrl>` key while clicking on `localhost:4200` to open project in browser -> takes 2 to 3 min
 - c. `npm run test` -> to run all test cases. **It is mandatory to run this command before submission of workspace** -> takes 5 to 6 min
5. You need to use **CTRL+Shift+B** - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.